***Shijila***

Phone Whatsapp +971504753686 / +919979971283 shijila.375878@2freemail.com

# **OBJECTIVE**

To be part of a highly challenging company where I could update my existing skills and put forth my innovative idea in practice for mutual growth.

|  |  |  |
| --- | --- | --- |
| **Name & Address** | : | SHIJILA  |
| **Date of Birth** | : | 17thJune 1992 |
| **Nationality** | : | Indian |
| **Profession** | : | Assistant professor |
| **Years with Firm/ Entity** | : | 12 Months |
| **Education** | : | **M-Tech Instrumentation and Control Engineering** , MES college of engineering Kuttipuram June 2016 and **B-Tech in Applied Electronics and Instrumentation Engineering, RCET** Akkikavu **June 2014** (Affiliated to Calicut University)Qualified M-Tech with CGPA 7.7/10 and B-Tech with CGPA 7.2/10 |
| **Personal attributes** | : | * Excellent presentation, motivational and leadership skills.
* Efficient management & organizational skills.
* Excellent Communication/interpersonal skills to interact individuals at all level.
* Ability to handle the students.
* Strong analytical, logical and mathematical skills.
* Confident & hardworking with great dedication towards work Sound technical & computer knowledge.
* Intense trouble shooting, problem solving & multitasking abilities.
 |
| **Key Responsibilities Handled** |
| * Manage the PowerPoint presentation for students.
* Provide conceptual knowledge and make them visualize the thing.
* Identify the weak points of students ad provide support to weak students.
* Employ differentiated teaching methods, incorporating, audio and visual activities to address all learning styles.
* Provide the help during the project.
* Develop extra-curricular activities of students.
 |
| **Employment Record** | : | **NIET polytechnic** |
| June 2016 to June 2017 | Assistant professor |
| **Training Programs & Conferences Attended** | * “Modelling of Vehicle Active Suspension System Using Half Car Dynamics” National Conference on Technological Advancement in Engineering, March 2016.
* “Innovations in Renewable Energy for Sustainable Development” MES college of engineering, Associated with Energy Management Centre (EMC) Kerala, February 2016.
* “Introduction to LATEX” MES college of engineering, Associated with IEEE, November 2014.
 |
| **Software & Technical Skills** |
| 1. Trained in PLC (programming logic controller) programming (ladder logic) and applications (Allen Bradley).
2. Physical measurements measured by instruments like bourdon tube, venture meter, Rota meter, capsules.
3. Partitioned MATLAB software with different type of controllers.
4. Trained in SCADA programming and applications.
5. Experienced LABVIEW software with variety circuits.
6. Proficient in control Systems PID controller, Robustcontroller, Adaptive controllers, H-infinity controllers.
7. Practiced programming through microcontrollers 8051, 8085, PIC, 8086.
8. Studied electronic circuits using semiconductor devices (Diode, BJT, MOSFET, Op-Amp) are Clipper, clamper, amplifier, rectifier, oscillator
9. Operating systems: Windows 2000/XP/2010/2013, LINUX.

User applications: MS office (Word, Excel, PowerPoint). |
| **Project Execution Experience** |
| **Project Title** | **Robust Control of Vehicle Active Suspension System Using Actuator Dynamics.** |
| **Year** | **July 2015 to October 2016** |
|  | **Final year MTECH Project** |
| **Activities Performed*** Deals with stabilization of vertical and pitch motion of the vehicle active suspension system.
* Half car linear model of the vehicle active suspension system considered.
* Software used is MATLAB.
* ARC controller is used to reduce the suspension deflection of active suspension system with actuator dynamics.
 |
| **Project Title** | **Driverless Train with Automated Railway Gate using PLC** |
| **Year** | **August 2013 to April 2014** |
|  | **Final year BTECH Project** |
| **Activities Performed*** Focused on Automation of railway gate and train.
* PLC and SCADA based project.
* Ladder logic programming language used for programming PLC.
* PLC used for automation and SCADA for monitoring the working of train.
 |
| **Project Title** | **Smoke Detector** |
| **Year** | **November 2012 to May 2013** |
|  | **Third Year BTECH Project** |
| **Activities Performed*** Deals with smoke detector for sensing smoke before blasting in homes, factories, school etc.
* Developed a 555 timer based photo interrupter sensor circuit which senses the smoke and converts into suitable voltage signal.
 |
| **Industrial Experience** |
| **Keltron Controls, Aroor-Alappuzha.** Internship 3 Week – Short term,www.keltron.org | * Control instrumentation
* Strategic service group
* Pneumatic business
* Coastal security service
 |
| **Languages**  | **Reading**  | **Writing** | **Speaking** |
| **English** | Excellent | Excellent | Excellent |
| **Malayalam** | Excellent | Excellent | Excellent |
| **Hindi**  | Excellent | Excellent | good |
| **Arabic**  | Excellent | Excellent | - |

**Place: Sharjah**

**Date: 22/12/2017 Shijila**